

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: **CRANFORD, Jr., et al.**

Serial No.: **To Be Assigned**

Filed: **Herewith**

Title: **CIRCUIT AND METHOD FOR PROVIDING AUTOMATIC ADAPTATION TO FREQUENCY OFFSETS IN HIGH SPEED SERIAL LINKS**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT (IDS) UNDER 37 CFR 1.97**

Dear Sir:

Applicants submit herewith patents, publications or other information which they are aware, which they believe may be material to the patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

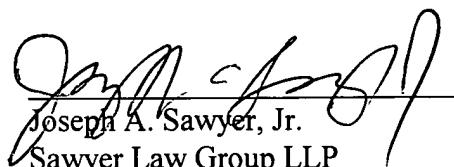
The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 CFR 1.98(a)(1).

This Information Disclosure Statement is being submitted without copies. This protocol conforms with 37 CFR 1.98(a)(2)(i), which waives the requirement for submitting a copy of each cited U.S. Patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003.

Respectfully submitted,

September 24, 2003

By:

  
Joseph A. Sawyer, Jr.  
Sawyer Law Group LLP  
Attorney for Applicant(s)  
Registration No. 30,801

<p>FORM PTO-1449 (Modified)</p> <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO.</p> <p><b>RPS920030105US1</b></p>	<p>SERIAL NO.</p> <p><b>To Be Assigned</b></p>
	<p>APPLICANT:</p> <p><b>CRANFORD, Jr., et al.</b></p>	
	<p>FILING DATE:</p>	<p>GROUP:</p>
	<p><b>Herewith</b></p>	<p><b>To Be Assigned</b></p>

### REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
	6	0	8	4	9	3	2	07-04-00	Veintimilla			
	5	9	4	3	3	7	5	08-24-99	Veintimilla			
	5	9	1	4	9	8	1	06-22-99	Veintimilla			
	5	8	9	6	4	2	7	04-20-99	Muntz et al.			
	5	4	4	8	1	9	3	09-05-95	Baumert et al.			
	5	8	1	2	6	1	8	09-22-98	Muntz et al.			
	5	7	2	2	0	8	0	02-24-98	Kondo			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		5 3 4 4 1 7 2	1993-12-24	Japan				

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

		<b>Loop Bandwidth and Clock Data Recovery (CDR) in Oscilloscope Measurements; Application Note 1304-6; Agilent Technologies</b>
		<b>Clock Data Recovery System; IBM DOSS CH920010014</b>
		<b>Clock Data Recovering System with External Early/Late Input; IBM DOSS CH920010044</b>
		<b>New Flexible PLL Solution Simplifies Clock Recovery and Data Retiming, Frequency Translation and Clock Smoothing by Vectron International; Microwave Product Digest, June 2002; <a href="http://www.mpdigest.com">http://www.mpdigest.com</a></b>

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line

Through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

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ATTY. DOCKET NO.

RPS920030105US1

SERIAL NO.

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APPLICANT:

CRANFORD, Jr., et al.

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)
	5 4 5 0 5 7 2	09-12-95	Ruedinger et al.			
	4 5 9 9 7 3 2	07-08-86	LeFever			
	4 0 2 8 6 2 6	06-07-77	Motley et al.			
	6 1 8 8 6 9 2	02-13-01	Huscroft et al.			
	5 7 3 4 9 7 0	03-31-98	Saito			
	5 1 2 5 0 0 9	06-23-92	DeVilbiss			
	6 0 1 4 5 1 2	01-11-00	Mohamed et al.			
	5 5 1 9 3 4 3	05-21-96	Britz			

## FOREIGN PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

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